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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/538,380	03/29/2000	Jennie Ching	1503P/BC999068	6677
7590	01/12/2004		EXAMINER	
Sawyer Law Group LLP P O Box 51418 Palo Alto, CA 94303			ALI, SYED J	
			ART UNIT	PAPER NUMBER
			2127	

DATE MAILED: 01/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/538,380	CHING ET AL.
	Examiner	Art Unit
	Syed J Ali	2127

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 10 December 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires 3 months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) ____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: None

Claim(s) objected to: None

Claim(s) rejected: 2-10 and 12-21

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on ____ is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.

10. Other: _____.


MENG-AL TAN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Continuation of 5. does NOT place the application in condition for allowance because: Applicant argues that there would be no reason to use the server management thread of Sharma in connection with the scheduling mechanisms of Sequeira, since Sequeira discloses management of threads without using a main manager thread. However, simply because Sequeira discloses a method of managing creation and deletion of threads in a thread pool without using a main manager thread does not preclude that a benefit could be gained from using a management thread. Specifically, functionality could be defined within the management thread that controls the creation and deletion of worker threads in response to various conditions. Additionally, not only would the management thread control the creation and deletion of worker threads, but the main management thread also would serve as a communication point for all service requests. Further, Applicant argues that the System Scheduling Mechanism of Sequeira is not shown to be part of an operating system. However, the scheduling of tasks, processes, and/or threads within a computing system is controlled by the operating system. That is, the operating system controls the scheduling of CPU time, thus the Scheduling Mechanism would inherently be a part of the operating system. Additionally, Applicant argues that the disclosure of a PSSP layer over an AIX operating system layer would not suggest a task manager in that layer. However, these programming interfaces are to be a part of the operating system. Wang discloses a method of designing a physical layout for a database system, but does not account for scheduling the CPU resources for the system. Thus, a need exists to schedule the tasks, processes, and/or threads associated with those programming interfaces..